

ibessurvey → MA

25.05.2021, 11:51

Participant information/data privacy

Dear Participant,

Thank you very much for your participation in our study.

The aim of the study is the quality assurance of the web interface on the topic of transparency of emission values through IoT and blockchain technology, which we developed ourselves within the scope of a master thesis project. To conduct the study, the next step is to click on the link to the website and open it in a new tab, then edit the questionnaire and switch tabs to the IBES website if needed to answer the questions asked in the questionnaire. The recording and analysis of the survey are **anonymous**. Participation in the study is **voluntary** and takes approximately 10 minutes. For this study, it is important that all data be **truthful and complete** because only then can they be used scientifically.

By participating, you will not receive any disadvantages, undesirable effects or risks.

If you do not wish to participate in the study or wish to withdraw from it at a later date, you will not suffer any disadvantages. When answering the questionnaires, there is no right or wrong. Spontaneously choose the answer or alternative that best suits your opinion.

Since all data is collected anonymously, it is no longer possible to revoke your participation once you have sent us your data by clicking the final send button.

Data protection information.

Your data will be collected, processed and used for the purpose of conducting and scientifically evaluating the aforementioned research project. The data of this survey will be treated strictly confidential. It is not possible to link the survey contents with your person at any time. This also includes not collecting the IP address.

What data do we collect?

The survey contents are collected and processed by the Institute for Application Security (Faculty of Computer Science) based on your consent (Art. 6 para. 1 lit. a EU-DSGVO). After completion of the survey, the anonymous survey contents will be further processed and published if necessary.

Note: In order to be able to sort out faulty surveys, surveys that have not been completed in full will not be included in the evaluation.

With which companies/institutes/research partners do we cooperate in collecting the survey?.

Your data will only be processed by the Universität der Bundeswehr München. There will be no transmission to third parties or third countries.

If you have any questions or other concerns, you can always contact the investigators or the project manager.

Investigator:

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Please confirm to continue.

- ☐ By clicking here, I confirm that I have received all relevant information and agree to participate in the survey.

Seite 02
SD

What is your gender?

- ☐ female
- ☐ male
- ☐ diverse

How old are you?

I am years old

Which is the country, you're currently living?

Country:

What is your current occupation?

- ☐ student
- ☐ employed
- ☐ unemployed
- ☐ pensioner

Please rate the following statements.

	completely disagree	largely disagree	slightly disagree	slightly agree	largely agree	completely agree
I like to occupy myself in greater detail with technical systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I like testing the functions of new technical systems.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is enough for me that a technical system works; I don't care how or why.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
It is enough for me to know the basic functions of a technical system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please open now the following link to get to the [web interface of the IBES project](#).

Throughout the survey, please keep both this survey window and the IBES website open!

Have a quick look at the website to familiarize yourself with it. Therefore, first look at the *Overview* page that is currently open. When you are familiar enough with the website, scroll all the way up and click on either *Overview* at the top left or the image with a tree right next to it in the gray navigation bar.

To get more information about the IBES project, click on the *About* page.

Then click on *next* in this study.

Which most closely matches the purpose of "IBES"? Tick one answer based on the web interface you have just viewed.

Evaluation of the quality of life for animals in the surroundings of industrial areas

Smoke cloud analysis over villages

Measuring the distance from power plants to villages

Industrial area and power plant images website

Emission measurements of greenhouse gases from power plants

Now have a look at the IBES interface *Overview*. Your task is now to find out whether a value CURRENTLY exceeds the legal limits. If so, which value (CO₂, temperature, ...)? Write your text into the "Yes"-box followed by the relevant values or write into the "No"-box and give reasons for your answer.

☐ Yes

☐ No

Since you are interested in more information about the values, go to the *Carbondioxide* page. Now find the highest measured value of CO₂ and enter only this number (e.g.: 50) as answer.

To go to the *Carbondioxide* page, click on the button above on Carbondioxide or scroll down and click on the Carbondioxide Image.

CO₂ Value:

ppm

Now scroll down completely on the *Carbondioxide* page. Select the date March 19, 2021 as the start date and March 21, 2021 as the end date for the time period. Confirm your entry by clicking on the "Check timespan" button.

- How many entries do you see? (e.g.: 5)

- Were the emission limits met during the time period you selected? How do you see that?

Please give reasons for your answer.

The question refers only to the values in the table, which opens by selecting the correct time period and then pressing the "Check timespan" button.

Number of entries
(e.g.: 5)

Were the emission
limits in this time
range met? Why or
why not?

Seite 06
us

Please rate the following statements.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
I think that I would like to use this system frequently.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I found the system unnecessarily complex.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought the system was easy to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think that I would need the support of a technical person to be able to use this system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I found the various functions in this system were well integrated.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I thought there was too much inconsistency in this system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I would imagine that most people would learn to use this system very quickly.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I found the system very awkward to use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I felt very confident using the system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I needed to learn a lot of things before I could get going with this system.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please rate the following statement.

	very low	low	neutral	high	very high
How would you rate your experience regarding IT in general ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What do you think of when you hear the word "blockchain"?

- ☐ I do not know what that is
- ☐ Cryptocurrencies (Bitcoin, Ethereum, Dogecoin, ...)
- ☐ Decentralized Database

☐ Other (Please specify):

Are you interested in topics related to Blockchain?

☐ No

☐ Yes (Please specify):

Do you know any benefits of using a blockchain?

☐ No

☐ Yes (Please specify):

Would you like to know more about the Blockchain?

☐ No, I am not interested

☐ Yes, I would like to know how they work

☐ Yes, I would like to know what they can be used for

☐ Yes (Please specify):

What did you particularly like or dislike about using IBES?

Do you have any further feedback?

Letzte Seite

Thank you for your participation! :-)

You can close this window and the IBES Website now.

If you accidentally close the IBES website, [click here](#).

B.Sc. Alexander Nussbaum – 2021